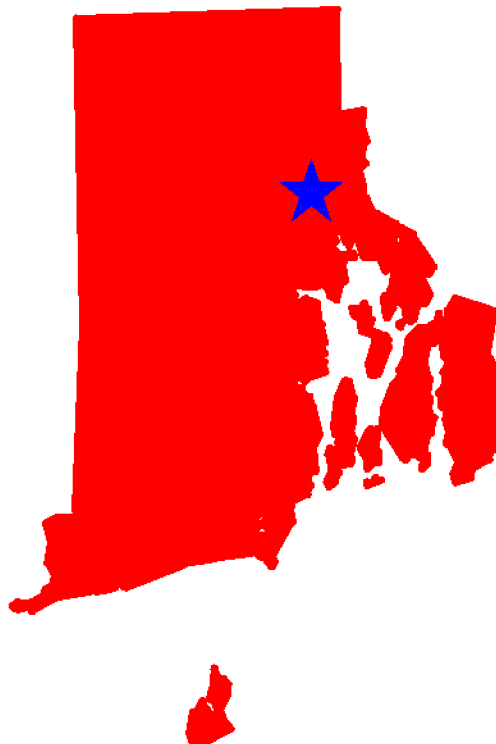




## Traffic Safety Facts Rhode Island 2003-2007



This Report Contains Data From the Following Sources:

Fatality Data - NCSA Fatality Analysis Reporting System (FARS)

FARS Data: 2003-2006 Final File and 2007 Annual Report File (ARF)

Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Rhode Island State Survey  
Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)

Population Data - U.S. Bureau of the Census



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### Fatality Rates: Rhode Island , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	Rhode Island	104	8,365	1.24	1,072,629	9.70
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Rhode Island	83	8,473	0.98	1,072,859	7.74
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Rhode Island	87	8,300	1.05	1,066,721	8.16
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Rhode Island	81	8,300	0.98	1,061,641	7.63
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Rhode Island	69			1,057,832	6.52
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

\*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2007 State Vehicle Miles Traveled (VMT) Data is Currently Not Available. 2007 National VMT is a Preliminary Estimate and Subject to Change

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## Alcohol-Related Fatalities: Rhode Island , U.S. and Best State (Old Definition)

Year		Total Fatalities in all Crashes	Alcohol-Related Fatalities**				Alcohol-Related Fatalities (BAC = .08+) Per 100 Million VMT
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	
2003	Rhode Island	104	59	57	54	52	0.64
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Rhode Island	83	43	52	41	50	0.49
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Rhode Island	87	48	55	37	43	0.45
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	Rhode Island	81	43	52	35	43	0.42
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Rhode Island	69	36	52	28	41	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

\*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

\*\*Includes BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

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## Alcohol-Impaired Driving Fatalities: Rhode Island , U.S. and Best State (New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)**		Alcohol-Impaired Driving Fatalities (BAC = .08+) Per 100 Million VMT
			Number	Percent	
2003	Rhode Island	104	50	48	0.59
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Rhode Island	83	38	46	0.45
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Rhode Island	87	34	39	0.40
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Rhode Island	81	30	37	0.36
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	Rhode Island	69	25	36	
	US	41,059	12,998	32	0.43
	Best State*			17	

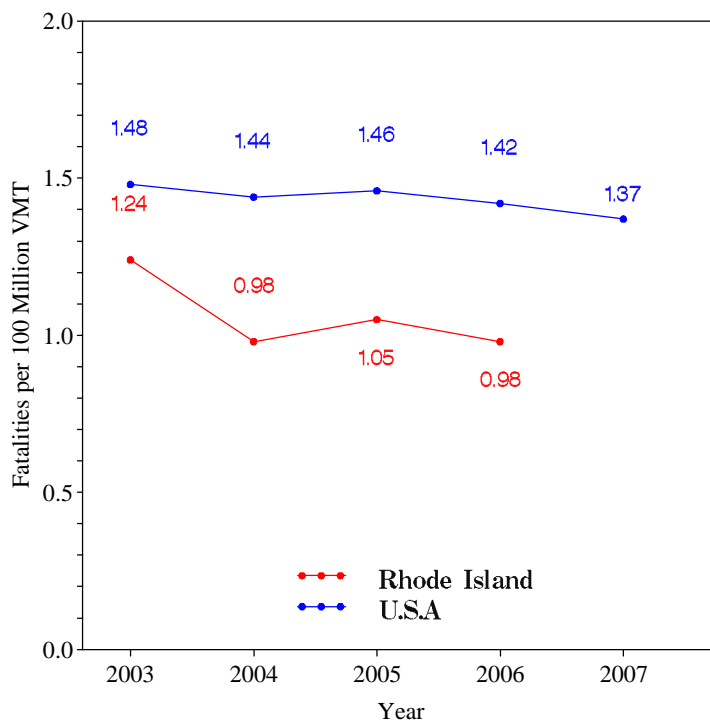
\*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

\*\*Includes BAC of All Involved Drivers and Motorcycle Riders Only

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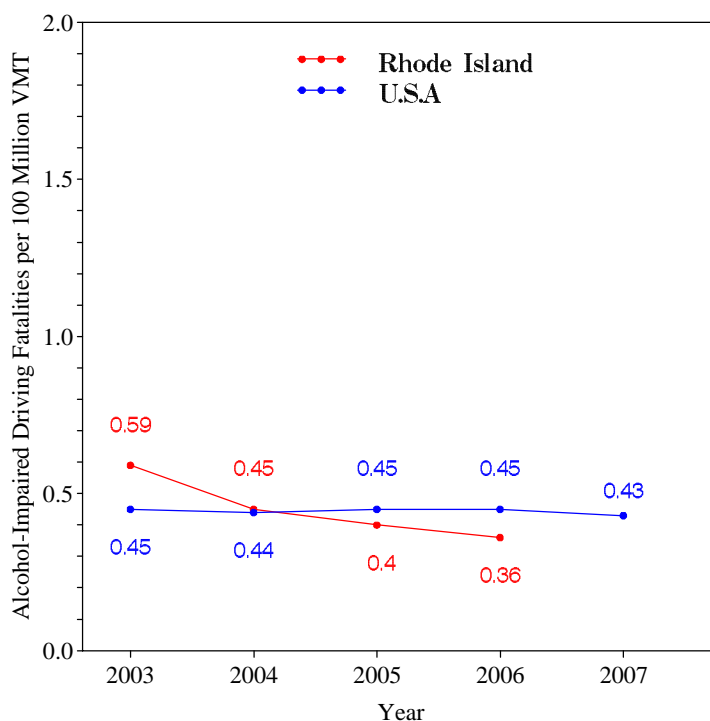


## Fatalities per 100 Million VMT: Rhode Island and U.S



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## Alcohol-Impaired Driving Fatalities per 100 Million VMT: Rhode Island and U.S



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## Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: Rhode Island , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	Rhode Island				64	60	94			
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	Rhode Island				54	47	87			
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	Rhode Island				48	42	88			
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	Rhode Island				47	43	91			
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	Rhode Island	8			36	23	64	44		
	US	47,786	9,975	21	31,867	20,261	64	79,653	30,236	38
	Best State*			84			97			86

\*State (or States) With Highest Percents: Highest Percents Could Be in Different States

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## Passenger Vehicle Occupant Fatalities by Restraint Use: Rhode Island , U.S. and Best State

Year		Total Passenger Vehicle Occupant Fatalities	Total Passenger Vehicle Occupant Fatalities Restrained**		Observed Passenger Vehicle Occupant Restraint Use in all Traffic***
		Number	Number	Percent	Percent
2003	Rhode Island	74	24	33	74
	US	32,271	14,075	44	79
	Best State*			64	95
2004	Rhode Island	65			76
	US	31,866	14,225	45	80
	Best State*			68	95
2005	Rhode Island	58	20	35	75
	US	31,549	14,061	45	82
	Best State*			68	95
2006	Rhode Island	47			
	US	30,686	13,760	45	81
	Best State*			66	96
2007	Rhode Island	41	17	42	79
	US	28,933	13,306	46	82
	Best State*			64	98

\*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

\*\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

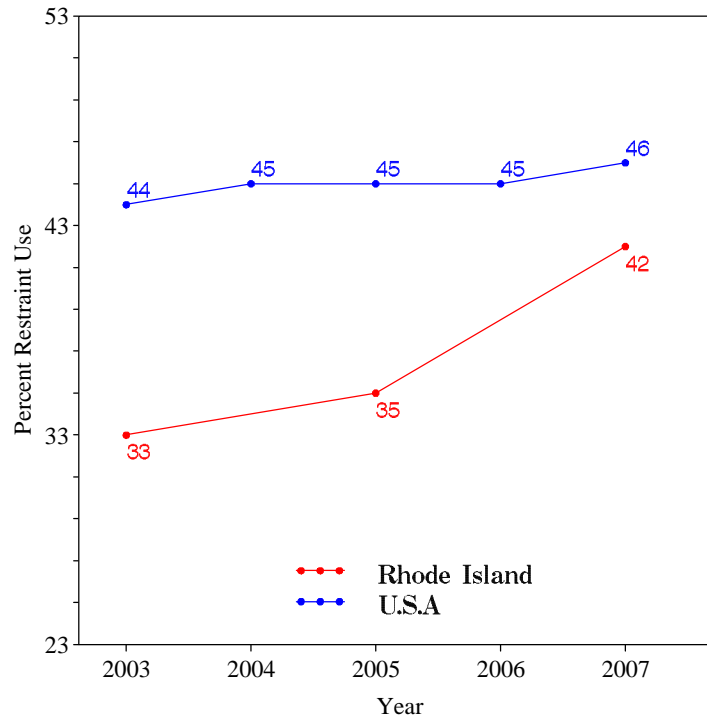
\*\*\*USA Data: National Occupant Protection Use Survey. Rhode Island Data: State Survey

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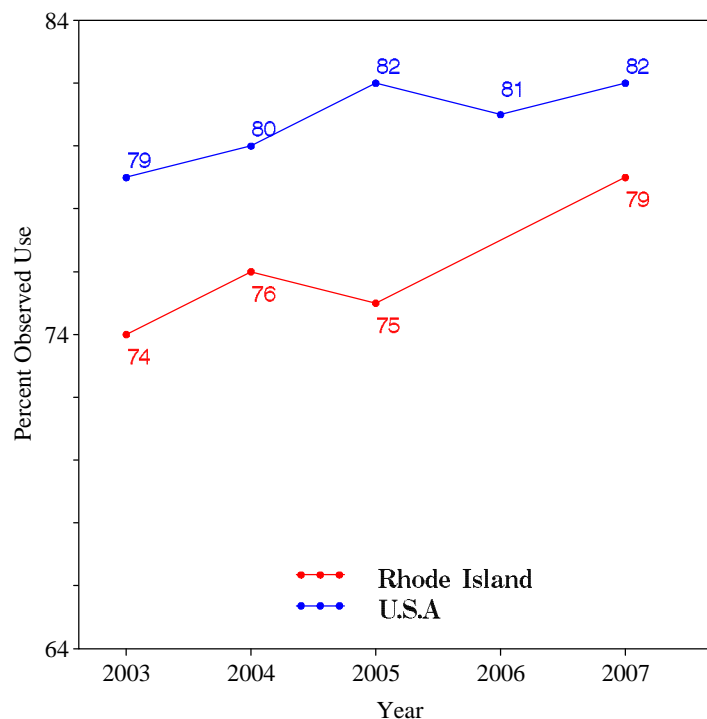


## Passenger Vehicle Occupant Fatalities by Percent Restraint Use: Rhode Island and U.S



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## Passenger Vehicle Occupants by Percent Restraint Use Observed: Rhode Island and U.S



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## Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged 5 and Above*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	73	23	50	25	15
2004	65	18	47	17	12
2005	57	19	38	18	11
2006	47	12	35	10	9
2007	41	17	24	15	7

\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

\*\*Lives Saved Estimates

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## Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged Under 5*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	1	1	0	0	0
2004	0	0	0	0	0
2005	1	1	0	1	0
2006	0	0	0	0	0
2007	0	0	0	0	

\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

\*\*Lives Saved Estimates

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### Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Motorcycle Rider Fatalities*			Motorcycle Rider Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	13	7	6	4	2
2004	10	3	7	2	2
2005	14	8	6	5	2
2006	16	5	11	3	4
2007	13	3	10	2	4

\*Unknown Helmet Use Was Proportionally Distributed Across Known Helmet Use

\*\*Lives Saved Estimates

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## Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%
<b>Occupants</b>	<b>Passenger Car</b>	54	18	50	21	43	17	40	18	33	17
	<b>Light Truck - Pickup</b>	8	3	4	2	2	1	3	1	3	2
	<b>Light Truck - Utility</b>	8	3	6	3	8	3	3	1	4	2
	<b>Light Truck - Van</b>	4	1	5	2	5	2	1	0	1	1
	<b>Large Truck</b>	2	1	0	0	0	0	2	1	0	0
	<b>Other/Unknown Occupants</b>	0	0	1	0	0	0	0	0	1	1
	<b>Total Occupants</b>	76	25	66	28	58	23	49	22	42	22
<b>Motorcyclists</b>	<b>Motorcycle</b>	13	4	10	4	14	6	16	7	13	7
<b>Non-Occupants</b>	<b>Pedestrian</b>	13	4	7	3	14	6	15	7	13	7
	<b>Bicyclist and Other Cyclist</b>	1	0	0	0	1	0	1	0	1	1
	<b>Other/Unknown Non-Occupants</b>	1	0	0	0	0	0	0	0	0	0
	<b>Total Non-Occupants</b>	15	5	7	3	15	6	16	7	14	7
<b>Total</b>	<b>Total</b>	104	35	83	35	87	35	81	36	69	36

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## Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
<b>Total Fatalities (All Crashes)</b>	104	83	87	81	69
<b>- Single Vehicle (1)</b>	67	55	55	52	54
<b>- Involving a Large Truck (2)</b>	6	5	1	8	7
<b>- Involving Speeding (3)</b>	55	45	40	42	14
<b>- Involving a Rollover (4)</b>	20	23	18	19	17
<b>- Involving a Roadway Departure (5)</b>	71	52	55	49	43
<b>- Involving an Intersection (or Intersection related) (6)</b>	29	31	19	25	15

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

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### Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2003	1	5	4	2	1	0	13
2004	1	3	1	4	1	0	10
2005	1	6	3	3	0	1	14
2006	0	3	3	7	2	0	15
2007	0	4	1	3	4	1	13

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### Motorcyclist Fatalities Per 100,000 Registered Motorcycles\*

Year	Motorcyclist Fatalities	Total Motorcycle Registrations	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	13	24,589	52.87
2004	10	26,506	37.73
2005	14	28,644	48.88
2006	15	31,125	48.19
2007	13		

\*Data Source: FHWA

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## Top 10 Counties for Fatalities and Fatality Rates

Top 10 Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Providence County	40	6.35
2	Kent County	10	5.93
3	Washington County	8	6.30
4	Newport County	6	7.25
5	Bristol County	5	9.98

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Bristol County	5	9.98
2	Newport County	6	7.25
3	Providence County	40	6.35
4	Washington County	8	6.30
5	Kent County	10	5.93

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## Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates

Top 10 Alcohol-Impaired Driving Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Providence County	13	2.07
2	Newport County	3	3.99
3	Washington County	3	2.60
4	Bristol County	3	5.39
5	Kent County	2	1.36

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Bristol County	3	5.39
2	Newport County	3	3.99
3	Washington County	3	2.60
4	Providence County	13	2.07
5	Kent County	2	1.36

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